

# Notice of Allowability

Application No.

10/689,580

Examiner

Hoan H. Tran

Applicant(s)

HENO, GAETAN

Art Unit

2852

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 09/21/2007.
2. ☒ The allowed claim(s) is/are 1-82,84-88 and 90-106.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 1-82, 84-88 and 90-106 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Claims 1-15

None of the prior art of record teaches or suggests a detachable card cleaning device for use in an image forming machine comprising a first cleaning member removably coupled to a housing and adapted to clean a card being fed at an angle relative to said housing and a second cleaning member removably coupled to said housing and adapted to clean said first cleaning member during machine operation.

Claims 16-31, 33, 44-81 and 93-106

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge comprising a first cleaning component structured and arranged to engage and present to a moving media unit being cleaned, a changing first contact surface area, a second cleaning component structured and arranged to engage and present to said first cleaning component, a changing second contact surface area; wherein the tackiness of the second contact surface area being greater than the tackiness of a media unit such that the first contact surface area adhesively attracts particles from a media unit being cleaned, and the second contact surface area adhesively attracts particles from the first contact surface area.

Claim 32

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge configured to support one or more cleaning components structured and arranged to engage and present to a moving media unit being cleaned a changing tacky contact surface area, said cartridge is bidirectionally effective and adapted to receive a media unit on either of opposed first and second faces thereof.

Claim 34

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge configured to support one or more cleaning components structured and arranged to engage and present to a moving media unit being cleaned a changing tacky contact surface area, the media cleaning cartridge including mounting structures adapted for quick installation of the cartridge in the system; wherein said mounting structures include a latch.

Claims 35-38 and 88-92

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge configured to support one or more cleaning components structured and arranged to engage and present to a moving media unit being cleaned a changing tacky contact surface area, the media cleaning

cartridge including at least one upstanding tab adapted to be manually grasped for installation of the cartridge in the system.

Claims 39, 40 and 82-87

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge configured to support one or more cleaning components structured and arranged to engage and present to a moving media unit being cleaned a changing tacky contact surface area, the media cleaning cartridge including alignment members on opposed sides of the cartridge configured to be received in cooperating alignment guides in the system.

Claims 41-43

None of the prior art of record teaches or suggests a replaceable media cleaning cartridge for use in a printer or other system forming images, said media cleaning cartridge configured to support one or more cleaning components structured and arranged to engage and present to a moving media unit being cleaned a changing tacky contact surface area, the media cleaning cartridge including a pivoted lid.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoan H. Tran whose telephone number is (571) 272-2141. The examiner can normally be reached on 8:30 - 5:00 Monday-Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. David Gray can be reached on (571) 272-2119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HHT  
10/26/2007



**HOAN TRAN**  
**PRIMARY EXAMINER**